

AMENDMENTS TO THE CLAIMS**Please amend the claims as follows:**

1. (original) A method to visualize a fluorescent protein through the skin of an intact subject, which method comprises applying excitation light to said subject using a portable light source with an attached first filter and observing emission from said protein through a second filter.
2. (original) The method of claim 1, wherein the portable light source is an LED flashlight.
3. (currently amended) The method of claim 1 ~~or 2~~, wherein the second filter is provided as a goggle.
4. (currently amended) The method ~~of any~~ of claim ~~1~~ ~~or 2~~ ~~or 3~~ ~~or 4~~ ~~or 5~~ ~~or 6~~ ~~or 7~~ ~~or 8~~ ~~or 9~~ ~~or 10~~ ~~or 11~~ ~~or 12~~ ~~or 13~~ ~~or 14~~ ~~or 15~~ ~~or 16~~ ~~or 17~~ ~~or 18~~ ~~or 19~~ ~~or 20~~ ~~or 21~~ ~~or 22~~ ~~or 23~~ ~~or 24~~ ~~or 25~~ ~~or 26~~ ~~or 27~~ ~~or 28~~ ~~or 29~~ ~~or 30~~ ~~or 31~~ ~~or 32~~ ~~or 33~~ ~~or 34~~ ~~or 35~~ ~~or 36~~ ~~or 37~~ ~~or 38~~ ~~or 39~~ ~~or 40~~ ~~or 41~~ ~~or 42~~ ~~or 43~~ ~~or 44~~ ~~or 45~~ ~~or 46~~ ~~or 47~~ ~~or 48~~ ~~or 49~~ ~~or 50~~ ~~or 51~~ ~~or 52~~ ~~or 53~~ ~~or 54~~ ~~or 55~~ ~~or 56~~ ~~or 57~~ ~~or 58~~ ~~or 59~~ ~~or 60~~ ~~or 61~~ ~~or 62~~ ~~or 63~~ ~~or 64~~ ~~or 65~~ ~~or 66~~ ~~or 67~~ ~~or 68~~ ~~or 69~~ ~~or 70~~ ~~or 71~~ ~~or 72~~ ~~or 73~~ ~~or 74~~ ~~or 75~~ ~~or 76~~ ~~or 77~~ ~~or 78~~ ~~or 79~~ ~~or 80~~ ~~or 81~~ ~~or 82~~ ~~or 83~~ ~~or 84~~ ~~or 85~~ ~~or 86~~ ~~or 87~~ ~~or 88~~ ~~or 89~~ ~~or 90~~ ~~or 91~~ ~~or 92~~ ~~or 93~~ ~~or 94~~ ~~or 95~~ ~~or 96~~ 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1089~~ ~~or 1090~~ ~~or 1091~~ ~~or 1092~~ ~~or 1093~~

9. (original) A method for monitoring tumor growth in an intact subject comprising:

applying excitation light using a portable excitation source with a first filter to a subject comprising tumor cells labeled with fluorescent protein; and
observing the location(s) of said tumor cells in the intact subject using a second filter.

10. (original) The method of claim 9, wherein said applying of excitation light and observing are conducted as a function of time.

11. (currently amended) The method of claim 9 ~~or 10~~, which further comprises treating said subject with a candidate protocol and comparing the location(s) of tumor cells in said subject treated with the protocol with the location(s) of tumor cells in a subject not treated with the protocol.

12. (original) A method for monitoring gene expression in an intact subject which method comprises

applying an excitation light from a portable excitation source with a first filter to a subject comprising a nucleotide sequence encoding a fluorescent protein operably linked to control sequences associated with a gene whose expression is to be monitored and

observing the presence or amount of fluorescent protein in the intact subject using a second filter.

13. (original) The method of claim 12, wherein said applying of excitation light and observing are conducted as a function of time.

14. (currently amended) The method of claim 12 ~~or 13~~, which further comprises providing a stimulus to said subject and comparing the level of fluorescence emitted by the subject provided the stimulus to that emitted by a subject not provided with said stimulus.

15. (original) A method to monitor the progress of infection in a subject which method comprises
applying excitation light using a portable excitation source with a first filter to a subject comprising an infectious agent labeled with fluorescent protein, and
observing the location(s) of said infectious agent in the intact subject using a second filter.

16. (original) The method of claim 15, wherein said applying of excitation light and observing are conducted as a function of time.

17. (currently amended) The method of claim 15 ~~or 16~~, which further comprises treating said subject with a candidate protocol and comparing the location(s) of infectious agent in said subject treated with said protocol with the location(s) of infectious agent in a subject not treated with the protocol.